

USSN 10/817,628 (AD6991)

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Amendments to Claims

16. (Currently amended) A building comprising :
a support structure having a retaining channel
formed therein,

a glazing element for exterior pressure plate
glazing, the glazing element comprising:

(a) a laminate having at least one glass
layer bonded to a thermoplastic polymer
interlayer,

the glass layer having first and
second planar surfaces and an edge,
the thermoplastic polymer
interlayer being directly bonded to one
of the planar surfaces of the glass
layer,

a portion of the thermoplastic
polymer interlayer extending past and
overlying the edge of the glass layer,
and

(b) an attachment clip for holding the
laminate in or attaching the laminate to the
support structure, the attachment clip including a
mounting portion and an arm,

the mounting portion of the
attachment clip being bonded directly to
the extending portion of the
thermoplastic polymer interlayer,

the arm extending away from the
mounting portion in a direction that is
generally perpendicular to the planar
surfaces of the glass layer,

a portion of the arm projecting
into the retaining channel to align and
hold the laminate therein, the
projecting portion of the arm

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interlocking the laminate to the support structure thereby to restrict rotational and/or transverse movement of the laminate within the channel or movement of the laminate out of the channel

~~a first glazing element for exterior pressure plate glazing, a second glazing element for exterior pressure plate glazing, and a support structure, wherein (a) the first glazing element and the second glazing element each comprise a and an attachment means for holding the laminate in, or attaching the laminate to, a support structure; (b) in each of the first glazing element and the second glazing element the attachment means is bonded directly to at least one surface of a thermoplastic polymer interlayer; (c) the laminates each comprise at least one layer of glass bonded directly to the interlayer on at least one glass surface; (d) the interlayer of each laminate extends beyond at least one edge of the laminate and the extended portion of the interlayer is attached to the attachment means; (e) in each of the glazing elements the attachment means is a clip useful for aligning and holding the laminate in a retaining channel of the support structure, wherein the clip comprises at least one mechanical interlocking extension useful for restricting rotational and/or transverse movement of the laminate within the channel or movement of the laminate out of the channel; and (f) the first clip and the second clip interlocked to the support structure.~~

17. (Currently amended) The building of Claim 16 wherein the ~~first and second glazing elements are held in a retaining channel~~ is formed by a mullion and a pressure plate.

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18. (Currently amended) The building of Claim ~~16~~
~~17~~ wherein ~~each of the first and second glazing element~~
~~is elements~~ are contacted by gaskets which assist in
holding the glazing element ~~elements~~ in the channel
~~formed by the mullion and the pressure plate.~~

19. (Currently amended) The building of Claim ~~18~~
~~16~~ wherein the ~~first laminate and the second laminate~~
are further comprises:

a second glass layer having first and second
planar surfaces and an edge thereon,

one of the planar surfaces of the second
glass layer being bonded to the thermoplastic
polymer interlayer with a portion of the
thermoplastic polymer interlayer extending past
and overlying the edge of the second glass layer,
thereby to form a glass/interlayer/glass laminates
laminate .

20. (Currently amended) The building of Claim ~~19~~
~~18~~ further comprising a fastener that holds the
pressure plate and mullion together, and that can be
tightened or loosened to apply more or less pressure to
the gaskets holding the glazing element.

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